This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

□ BLACK BORDERS
□ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
□ FADED TEXT OR DRAWING
□ BLURRED OR ILLEGIBLE TEXT OR DRAWING
□ SKEWED/SLANTED IMAGES
□ COLOR OR BLACK AND WHITE PHOTOGRAPHS
□ GRAY SCALE DOCUMENTS
□ LINES OR MARKS ON ORIGINAL DOCUMENT
□ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
□ OTHER:

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
1	21116	713/\$.ccls.	USPAT;	2004/09/22 15:34
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	40047	740/0 1	IBM_TDB	2004/09/22 17:23
2	10847	713/\$.ccls. and @ad<19991115	USPAT; US-PGPUB;	2004/09/22 17.23
			EPO; JPO;	
	:		DERWENT;	
			IBM TDB	
4	1203	(713/\$.ccls. and @ad<19991115) and (stor\$3 near1 key)	USPAT;	2004/09/22 12:34
'	1200	(7 1074.0010. 4114 @44 1000 1714)	US-PGPUB:	
			EPO; JPO;	
			DERWENT	
			IBM_TDB	
6	531	((713/\$.ccls. and @ad<19991115) and (stor\$3 near1 key))	USPAT;	2004/09/22 12:59
		and (authenticat\$ and ((generat\$ or creat\$ or comput\$ or	US-PGPUB;	
		calculat\$ or produc\$5) near1 key))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
19	262	(((713/\$.ccls. and @ad<19991115) and (stor\$3 near1 key))	USPAT;	2004/09/22 17:31
		and (authenticat\$ and ((generat\$ or creat\$ or comput\$ or	US-PGPUB;	
		calculat\$ or produc\$5) near1 key))) and ((informat\$ or data	EPO; JPO;	
		or vector) with ((generat\$ or creat\$ or comput\$ or calculat\$	DERWENT;	
		or produc\$5) near1 key))	IBM_TDB	0004/00/00 44 00
20	21	(((((713/\$.ccls. and @ad<19991115) and (stor\$3 near1 key))	USPAT;	2004/09/22 14:09
		and (authenticat\$ and ((generat\$ or creat\$ or comput\$ or	US-PGPUB;	
		calculat\$ or produc\$5) near1 key))) and ((informat\$ or data	EPO; JPO;	
		or vector) with ((generat\$ or creat\$ or comput\$ or calculat\$	DERWENT; IBM_TDB	
27	456	or produc\$5) near1 key))) and (key near1 usage) (713/\$.ccls. and @ad<19991115) and ((GSM or mobile or	USPAT;	2004/09/22 15:42
27	456	wireless or roam\$ or cellular) near1 (station or client or user	US-PGPUB;	2004/03/22 13.42
		or device or computer or customer or consumer or entity))	EPO; JPO;	
		di device di computer di customer di consumer di citaty)	DERWENT	
			IBM TDB	
28	93	((713/\$.ccls. and @ad<19991115) and ((GSM or mobile of	USPAT;	2004/09/22 14:16
=		wireless or roam\$ or cellular) near1 (station or client or user	US-PGPUB;	*
		or device or computer or customer or consumer or entity)))	EPO; JPO;	
		and (authenticat\$ near1 (vector or information or data))	DERWENT;	
			IBM_TDB	
29	75	(((713/\$.ccls. and @ad<19991115) and ((GSM or mobile or	USPAT;	2004/09/22 15:43
		wireless or roam\$ or cellular) near1 (station or client or user	US-PGPUB;	
		or device or computer or customer or consumer or entity)))	EPO; JPO;	
		and (authenticat\$ near1 (vector or information or data))) and	DERWENT;	
		(authenticat\$ near1 (station or client or user or device or	IBM_TDB	
		computer or customer or consumer or entity or network or		
		server or serving or servic\$3))	LICDAT	2004/00/22 45:09
30	0	((((713/\$.ccls. and @ad<19991115) and ((GSM or mobile or	USPAT; US-PGPUB;	2004/09/22 15:08
		wireless or roam\$ or cellular) near1 (station or client or user	EPO; JPO;	
	-	or device or computer or customer or consumer or entity)))	DERWENT;	
		and (authenticat\$ near1 (vector or information or data))) and (authenticat\$ near1 (station or client or user or device or	IBM_TDB	
		computer or customer or consumer or entity or network or	18W_188	
		server or serving or servic\$3))) and 3gpp		
31	0		USPAT;	2004/09/22 14:28
~ '		wireless or roam\$ or cellular) near1 (station or client or user	US-PGPUB;	
		or device or computer or customer or consumer or entity)))	EPO; JPO;	
		and (authenticat\$ near1 (vector or information or data))) and	DERWENT;	
		(authenticat\$ near1 (station or client or user or device or	IBM_TDB	
		computer or customer or consumer or entity or network or	-	
1		server or serving or servic\$3))) and aka		

			110015	
32	0	((((713/\$.ccls. and @ad<19991115) and ((GSM or mobile or wireless or roam\$ or cellular) near1 (station or client or user or device or computer or customer or consumer or entity)))	USPAT; US-PGPUB; EPO; JPO;	2004/09/22 14:29
		and (authenticat\$ near1 (vector or information or data))) and	DERWENT;	
		(authenticat\$ near1 (station or client or user or device or	IBM_TDB	
		computer or customer or consumer or entity or network or		
33	8	server or serving or servic\$3))) and (third adj generat\$) ((((713/\$.ccls. and @ad<19991115) and ((GSM or mobile or	USPAT:	2004/09/22 15:45
		wireless or roam\$ or cellular) near1 (station or client or user	US-PGPUB;	
		or device or computer or customer or consumer or entity)))	EPO; JPO;	
		and (authenticat\$ near1 (vector or information or data))) and (authenticat\$ near1 (station or client or user or device or	DERWENT; IBM_TDB	
		computer or customer or consumer or entity or network or	_	
		server or serving or servic\$3))) and (home adj network)	LICDAT.	0004/00/00 45:35
34	0	(713/\$.ccls. and @ad<19991115) and 3gpp	USPAT; US-PGPUB;	2004/09/22 15:35
			EPO; JPO;	• II
			DERWENT;	
35	11001	290/¢ colo	IBM_TDB USPAT;	2004/09/22 15:34
35	11991	380/\$.ccls.	US-PGPUB;	2004/03/22 10:04
			EPO; JPO;	
			DERWENT; IBM TDB	
36	8201	380/\$.ccls. and @ad<19991115	USPAT;	2004/09/22 15:34
		3	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
37	1	(380/\$.ccls. and @ad<19991115) and 3gpp	USPAT;	2004/09/22 15:40
			US-PGPUB; EPO; JPO;	
			DERWENT;	
,			IBM_TDB	0004/00/00 47:00
38	1	(380/\$.ccls. and @ad<19991115) and (generat\$ adj1 partner\$)	USPAT; US-PGPUB;	2004/09/22 17:26
÷		partite(\$)	EPO; JPO;	- ""
			DERWENT;	
39	486	(380/\$.ccls. and @ad<19991115) and ((GSM or mobile or	IBM_TDB USPAT;	2004/09/22 18:46
39	400	wireless or roam\$ or cellular) near1 (station or client or user	US-PGPUB;	
		or terminal or device or computer or customer or consumer	EPO; JPO;	
		or entity))	DERWENT; IBM TDB	
40	164	((380/\$.ccls. and @ad<19991115) and ((GSM or mobile or	USPAT;	2004/09/22 17:26
		wireless or roam\$ or cellular) near1 (station or client or user	US-PGPUB;	
		or terminal or device or computer or customer or consumer or entity))) and (authenticat\$ near1 (station or client or user	EPO; JPO; DERWENT;	
		or device or computer or customer or consumer or entity or	IBM_TDB	
	-	network or server or serving or servic\$3 or terminal))	LICDAT	2004/09/22 17:25
41	28	(((380/\$.ccls. and @ad<19991115) and ((GSM or mobile or wireless or roam\$ or cellular) near1 (station or client or user	USPAT; US-PGPUB;	2004/03/22 11.23
		or terminal or device or computer or customer or consumer	EPO; JPO;	
		or entity))) and (authenticat\$ near1 (station or client or user	DERWENT;	
		or device or computer or customer or consumer or entity or network or server or serving or servic\$3 or terminal))) and	IBM_TDB	
		((home or base or principal or main or first or origina\$) adj		
		network)		

43	0	((((380/\$.ccls. and @ad<19991115) and ((GSM or mobile or	USPAT; US-PGPUB;	2004/09/22 17:28
		wireless or roam\$ or cellular) near1 (station or client or user	EPO; JPO;	
		or terminal or device or computer or customer or consumer	DERWENT;	
		or entity))) and (authenticat\$ near1 (station or client or user	IBM_TDB	
		or device or computer or customer or consumer or entity or	IDINI_IDB	
		network or server or serving or servic\$3 or terminal))) and		
		((home or base or principal or main or first or origina\$) adj		
4.4	11	network)) and (key near usage)	USPAT;	2004/09/22 17:20
44	11	((((380/\$.ccls. and @ad<19991115) and ((GSM or mobile or wireless or roam\$ or cellular) near1 (station or client or user	US-PGPUB;	2004/03/22 17.20
		or terminal or device or computer or customer or consumer	EPO; JPO;	
		or entity))) and (authenticat\$ near1 (station or client or user	DERWENT:	
		or device or computer or customer or consumer or entity or	IBM_TDB	
		network or server or serving or servic\$3 or terminal))) and	.5	
		((home or base or principal or main or first or origina\$) adj		
		network)) and ((informat\$ or data or vector) with ((generat\$		
		or creat\$ or comput\$ or calculat\$ or produc\$5) near1 key))		
45	91535	(roamed or visited or serving or service or servicing or host or	USPAT;	2004/09/22 17:23
10	31000	providing or target\$) adj (system or network)	US-PGPUB;	
		providing or rangely and (system or reserve)	EPO; JPO;	
			DERWENT,	
			IBM_TDB	
46	42856	((roamed or visited or serving or service or servicing or host	USPAT;	2004/09/22 18:44
		or providing or target\$) adj (system or network)) and	US-PGPUB;	
		@ad<19991115	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
47	3778	(((roamed or visited or serving or service or servicing or host	USPAT;	2004/09/22 19:06
		or providing or target\$) adj (system or network)) and	US-PGPUB;	
		@ad<19991115) and ((home or base or principal or main or	EPO; JPO;	
		first or origina\$) adj (system or network))	DERWENT;	
			IBM_TDB	
48	412	(((((roamed or visited or serving or service or servicing or host	USPAT;	2004/09/22 18:47
		or providing or target\$) adj (system or network)) and	US-PGPUB;	:
		@ad<19991115) and ((home or base or principal or main or	EPO; JPO;	
	2	first or origina\$) adj (system or network))) and (authenticat\$	DERWENT;	
		near1 (station or client or user or device or computer or	IBM_TDB	
		customer or consumer or entity or network or server or		
40	0	serving or servic\$3 or terminal)) (((((roamed or visited or serving or service or servicing or	USPAT;	2004/09/22 17:27
49	1	host or providing or target\$) adj (system or network)) and	US-PGPUB;	2004/00/22 17:21
		@ad<19991115) and ((home or base or principal or main or	EPO; JPO;	
		first or origina\$) adj (system or network))) and (authenticat\$	DERWENT;	
		near1 (station or client or user or device or computer or	IBM_TDB	
		customer or consumer or entity or network or server or		
		serving or servic\$3 or terminal))) and (generat\$ adj1		
		partner\$)		-
50	11		USPAT;	2004/09/22 18:45
	1	host or providing or target\$) adj (system or network)) and	US-PGPUB;	
		@ad<19991115) and ((home or base or principal or main or	EPO; JPO;	
	1	first or origina\$) adj (system or network))) and (authenticat\$	DERWENT;	
	1	near1 (station or client or user or device or computer or	IBM_TDB	
		customer or consumer or entity or network or server or		
		serving or servic\$3 or terminal))) and (key near usage)		0004/00/00 10 15
51	137		USPAT;	2004/09/22 18:43
		host or providing or target\$) adj (system or network)) and	US-PGPUB;	
		@ad<19991115) and ((home or base or principal or main or	EPO; JPO;	
		first or origina\$) adj (system or network))) and (authenticat\$	DERWENT;	
		near1 (station or client or user or device or computer or	IBM_TDB	
		customer or consumer or entity or network or server or		
L	J	serving or servic\$3 or terminal))) and GSM		<u> </u>

		i i i i i i i i i i i i i i i i i i i	USPAT:	2004/00/00 40:40
52	0	((((((roamed or visited or serving or service or servicing or host or providing or target\$) adj (system or network)) and @ad<19991115) and ((home or base or principal or main or first or origina\$) adj (system or network))) and (authenticat\$ near1 (station or client or user or device or computer or	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 19:18
53	5	customer or consumer or entity or network or server or serving or servic\$3 or terminal))) and GSM) and aka (((((((roamed or visited or serving or service or servicing or host or providing or target\$) adj (system or network)) and (@ad<19991115) and ((home or base or principal or main or first or origina\$) adj (system or network))) and (authenticat\$ near1 (station or client or user or device or computer or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 17:32
		customer or consumer or entity or network or server or serving or servic\$3 or terminal))) and GSM) and ((informat\$ or data or vector) with ((generat\$ or creat\$ or comput\$ or calculat\$ or produc\$5) near1 key))	_	
54	2101	generat\$ adj1 partner\$	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/22 18:44
55	67	(generat\$ adj1 partner\$) and @ad<19991115	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/22 19:14
56	0	((generat\$ adj1 partner\$) and @ad<19991115) and (key near1 usage)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/22 18:45
58	0	(((generat\$ adj1 partner\$) and @ad<19991115) and ((GSM or mobile or wireless or roam\$ or cellular) near1 (station or client or user or terminal or device or computer or customer or consumer or entity))) and (authenticat\$ near1 (station or client or user or device or computer or customer or entity or network or server or serving or servic\$3 or	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 19:17
59	1	terminal)) (((generat\$ adj1 partner\$) and @ad<19991115) and ((GSM or mobile or wireless or roam\$ or cellular) near1 (station or client or user or terminal or device or computer or customer or consumer or entity))) and authenticat\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/22 18:48
57	17	((generat\$ adj1 partner\$) and @ad<19991115) and ((GSM or mobile or wireless or roam\$ or cellular) near1 (station or client or user or terminal or device or computer or customer or consumer or entity))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 18:50
60	86886	((home or base or principal or main or first or origina\$ or roamed or visited or serving or servicing or service) adj (system or network))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM, TDB	2004/09/22 19:07
61	0	(((home or base or principal or main or first or origina\$ or roamed or visited or serving or servicing or service) adj (system or network))) and (authenticat\$ and vector and (key near usage) and gsm and (generat\$ adj2 partner\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 19:11
62	0	(((home or base or principal or main or first or origina\$ or roamed or visited or serving or servicing or service) adj (system or network))) and (authenticat\$ and (key near usage) and gsm and (generat\$ adj2 partner\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/22 19:11

63	0	(((home or base or principal or main or first or origina\$ or roamed or visited or serving or servicing or service) adj	USPAT; US-PGPUB;	2004/09/22 19:11
		(system or network))) and (authenticat\$ and (key near usage) and (generat\$ adj2 partner\$))	EPO; JPO; DERWENT;	
ĺ <u>.</u> .	1		IBM_TDB	
64	6	(((home or base or principal or main or first or origina\$ or	USPAT;	2004/09/22 19:15
		roamed or visited or serving or servicing or service) adj (system or network))) and (authenticat\$ and vector and gsm	US-PGPUB; EPO; JPO;	
-	ł	and (generat\$ adj2 partner\$))	DERWENT;	}
		and (generate adjz partitole))	IBM TDB	
65	0	((((home or base or principal or main or first or origina\$ or	USPAT:	2004/09/22 19:14
,	_	roamed or visited or serving or servicing or service) adj	US-PGPUB	}
		(system or network))) and (authenticat\$ and vector and gsm	EPO; JPO;	
	Ì	and (generat\$ adj2 partner\$))) and @ad<19991115	DERWENT;	
			IBM_TDB	
66	46791	(((home or base or principal or main or first or origina\$ or	USPAT;	2004/09/22 19:15
	}	roamed or visited or serving or servicing or service) adj	US-PGPUB;	
		(system or network))) and @ad<19991115	EPO; JPO; DERWENT:	
			IBM_TDB	
67	0	((((home or base or principal or main or first or origina\$ or	USPAT;	2004/09/22 19:16
07		roamed or visited or serving or servicing or service) adj	US-PGPUB;	2004/03/22 13:10
		(system or network))) and @ad<19991115) and (authenticat\$	EPO; JPO;	
		and gsm and (generat\$ adj2 partner\$))	DERWENT;	
l	}		IBM_TDB	
68	0	((((home or base or principal or main or first or origina\$ or	USPAT;	2004/09/22 19:16
		roamed or visited or serving or servicing or service) adj	US-PGPUB;	
		(system or network))) and @ad<19991115) and (authenticat\$	EPO; JPO;	
		and (generat\$ adj2 partner\$))	DERWENT; IBM TDB	
69	3	((((home or base or principal or main or first or origina\$ or	USPAT;	2004/09/22 19:16
		roamed or visited or serving or servicing or service) adj	US-PGPUB:	2004/03/22 13:10
		(system or network))) and @ad<19991115) and (gsm and	EPO; JPO;	,
		(generat\$ adj2 partner\$))	DERWENT,	
			IBM_TDB	
70	1239	((((home or base or principal or main or first or origina\$ or	USPAT;	2004/09/22 19:18
		roamed or visited or serving or servicing or service) adj	US-PGPUB;	4
	}	(system or network))) and @ad<19991115) and (authenticat\$	EPO; JPO;	}
		near1 (station or client or user or device or computer or	DERWENT;	
		customer or consumer or entity or network or server or serving or servic\$3 or terminal))	IBM_TDB	
71	9	(((((home or base or principal or main or first or origina\$ or	USPAT;	2004/09/22 19:18
		roamed or visited or serving or servicing or service) adj	US-PGPUB;	230 1100122 10.10
		(system or network))) and @ad<19991115) and (authenticat\$	EPO; JPO;	
'		near1 (station or client or user or device or computer or	DERWENT;	
		customer or consumer or entity or network or server or	IBM_TDB	
	l	serving or servic\$3 or terminal))) and aka	<u> </u>	